

File GAF

# JOHN A. JURGIEL & ASSOCIATES, INC.

*Industrial Hygiene Consultants*

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January 15, 1987

Mr. Richard L. Goode  
Motor Service, Inc.  
7807 Hall Street  
St. Louis, Missouri 63147

Dear Mr. Goode:

This is our report on the asbestos survey conducted on Monday, January 12, 1987 at the former GAF plant on North Riverview Boulevard.

In conjunction with this survey, we had collected nineteen samples of suspicious materials which we submitted for laboratory analyses for asbestos. Samples were analyzed by Polarized Light Microscopy. Most of the samples were found to be positive for asbestos. The percentage of asbestos ranged between 1 and 60%. These results are summarized in the attached table.

In the former asbestos mixing area on the north side of the plant essentially all remaining debris could be considered to be positive for asbestos. The exceptions are the wall exhaust fan on the second level and the white material in the third floor storage bin. Positive findings were also found in the large open area immediately south of the asbestos mixing area. A sample of the floor sweepings in Building B was also positive for asbestos.

Two samples in the main plant (with the sodium vapor lighting) were negative. These were a sample of settled dust near existing machinery and a sample of the sprayed on insulation on the south wall.

There was much transite material used in the construction, and this is known to be positive for asbestos. The snow cover prohibited inspection of the roofs and grounds. There was some sprayed on asbestos materials on the outside transite siding which we inspected from the east side of the third level. I'm not sure of its purpose.

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TABLE 1  
LABORATORY ANALYSIS RESULTS FOR ASBESTOS

GAF Building  
January 12, 1987

Sample No.	Location	Asbestos Content
G-1	Floor Material in Mixing Area	Trace Amosite <1% 20-30% Chrysotile
G-2	Floor Material in Mixing Area	1-3% Amosite 30-40% Chrysotile
G-3	Debris on Top of Tank on Mezzanine	1-3% Amosite 30-40% Chrysotile
G-4	Pipe Insulation	40-50% Chrysotile
G-5	Wall Exhaust Fan 2nd Floor	Trace Chrysotile <1%
G-6	Wall, Encapsulated Material 2nd Floor	3-5% Chrysotile
G-7	3rd Level on Wall Lateral Conduit	3-5% Chrysotile
G-8	3rd Level Upper Part of Crane Girder	1-3% Chrysotile
G-9	Bulk Material in Storage Bin (3rd Level)	None Detected
G-10	Sprayed on Material on 3rd Level Roof on Outside Wall	1-3% Chrysotile
G-11	Debris in Elevator Room Penthouse	1-3% Chrysotile
G-12	1st Floor Base of Column	5-10% Chrysotile
G-13	Dirt in Railroad Track	1-3% Chrysotile
G-14	Overspray on Underside 2nd Floor	30-40% Chrysotile
G-15	Floor Debris in Main Area	20-30% Chrysotile 1-3% Amosite

TABLE 1 (continued)

Sample No.	Location	Asbestos Content
G-16	Debris on Ladder	1-3% Chrysotile
G-17	Settled Dust Near Machinery Main plant (Sodium Lights)	None Detected
G-18	Sprayed on Material on South Wall - Main Plant	None Detected
G-19	Floor Dust in Building B	1-3% Chrysotile

Cleanup since our last visit in October, 1986 seems to have removed about 90% of what was there then. Much of the remaining contamination is concentrated in less obvious locations, referred to as "nooks and crannies". I feel it would still take a significant effort to totally decontaminate the building.

Please call if we may be of further assistance.

Very truly yours,

John A. Jurgiel  
Certified Industrial Hygienist

JAJ/k